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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/796,998	03/11/2004	Stanislav M. Snidr	000417.00019	4647

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BANNER & WITCOFF  
1001 G STREET N W  
SUITE 1100  
WASHINGTON, DC 20001

EXAMINER
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LOPEZ, CARLOS N

ART UNIT	PAPER NUMBER
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1731

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	02/06/2007	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

## Office Action Summary

Application No.

10/796,998

Applicant(s)

SNAIDR ET AL.

Examiner

Carlos Lopez

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 10 and 11 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 10 and 11 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 11 March 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |  |
|--|--|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. ____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | 5) <input type="checkbox"/> Notice of Informal Patent Application                      |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date <u>1 IDS</u> . | 6) <input type="checkbox"/> Other: ____  |

## **DETAILED ACTION**

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claim 10 and 11 rejected under 35 U.S.C. 102(b) as anticipated by or, in the alternative, under 35 U.S.C. 103(a) as obvious over Valdez (US 4,685,477). Valdez discloses cigar or cigarette holder capable of receiving a cigar or cigarette and for filtering smoke generated from the cigar or cigarette. The holder has three chambers. The first chamber defined by the space between a perforated tubular member, concentrically situated around a perforated inner tubular member, and the inner tubular member. The first chamber is substantially filled with a filter material. The second and third chambers are within the inner tubular member, substantially

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coaxially aligned and separated by a wall having an aperture to transfer ash from the second chamber to the third chamber. The claimed non-combustible tubular member is deemed as element 25, which as noted in Col. 3, lines 10 made be made of porcelain, a known ceramic, which is non-combustible. Element 25 as shown in figure 3 encases the tobacco charge which is deemed as the tobacco rod 14. In regards to claim 11, the perforation 26 provide for the claimed porosity.

As noted by Valdez, the plurality of air intake spaces, perforations 26, is useful for enabling the ember end of the cigar or cigarette to burn. As the smoker puffs or draws on the primary smoke filter end of the cigar or cigarette, air may be drawn into the second and third chambers through the air intake spaces to enable the ember to burn. In this manner, sufficient air is provided for burning of the tobacco to generate smoke. Valdez teaches that varying the size and/or number of the air intake spaces to control the rate at which the ember end of the cigar or cigarette burns is possible. In this manner, the cigar or cigarette may be made to burn slower and therefore last longer than if smoked without the use of Valdez device. Thus the perforations 26, as noted by Valdez, reduces the free-burning rate of the burning tobacco in order to increase the number of puffs from the burning tobacco charge as instantly claimed by applicant.

In view that the tubular member 25 has a certain porosity as determined by the size and number of perforations 26, the sidestream smoke is minimized when compared to a cigarette not enclosed by the tubular member 25 of Valdez.

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Moreover, in view that the Valdez provides the claimed structural limitations as recited in device claims 10 and 11, it would be obvious to a person of ordinary skill in the art as noted above to have met the claimed functions.

Alternatively, Valdez inherently provides the claimed features recited in claims 10-11 by encapsulating a cigarette with glass material having a specified number of perforations and perforation size. The encapsulation of the cigarette inherently minimizes the amount of sidestream smoke and at the same time reduce the free burn rate of the cigarette, due to less air being supplied to the burning cigarette, in order to increase the number of puffs from the burning tobacco charge as instantly claimed.

### ***Double Patenting***

The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory obviousness-type double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or would have been obvious over, the reference claim(s). See, e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent either is shown to be commonly owned with this application, or claims an invention made as a result of activities undertaken within the scope of a joint research agreement.

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

Claims 10 and 11 are rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 9 and 11 of U.S. Patent No. 6,371,127

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('127). Although the conflicting claims are not identical, they are not patentably distinct from each other because claim 9 and 11 disclose a device for minimizing cigarette sidestream smoke and reducing free-burn rate of a burning cigarette, said device comprising: i) a non-combustible porous tubular element encasing an effective length of a tobacco charge of a cigarette located in said tubular element, said tubular element having an open end while said cigarette is smoked and said open end is adjacent a distal end of said cigarette to permit lighting of such cigarette distal end and permits ingress of air; and ii) said tubular element having a predetermined porosity along at least its length which encases said effective length of said tobacco charge for both minimizing sidestream smoke emission from a burning tobacco charge and reducing free-burn rate of such burning tobacco charge to increase number of puffs from such burning tobacco charge, where said predetermined porosity for said tubular element; wherein the tubular element is made of ceramic fiber as noted in claims 9 and 11 of '127. At the time the invention was made, it would have been obvious to a person of ordinary skill in the art that claims 9 and 11 of '127 encompass, envisage and clearly suggest to make and use the instant claims 10-11.

### ***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. References cited in PTO-892 and not applied in the above rejections have been cited to show the state of the art.

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Carlos Lopez whose telephone number is 571.272.1193. The examiner can normally be reached on Mon.-Fri. 8am - 5pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Steven Griffin can be reached on 571.272.1189. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



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